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|  | **Biology** | **شعار-القسم** |
| **Worksheet-9 -** |
| How toxins build up in a food chain |

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| Name: Class: 8 /……........ | |
| Book pages:480-493 | |
| **25-3-2012** | Date: |
| 8.5.3 | Core Standard number |
| 1. Explain the concept of Toxins. 2. Explain how mercury is released in the environment. 3. explain the harmful effect of mercury. 4. explain the concept of insecticides giving DDT as an example 5. explain the harmful effect of DDT | Learning Objectives  Logo + text 2 |

Q1: what are toxins?

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Q2: what is mercury?

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**Q3 : How mercury is released in the environment?**

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**Q4: What effect does mercury have on humans?**

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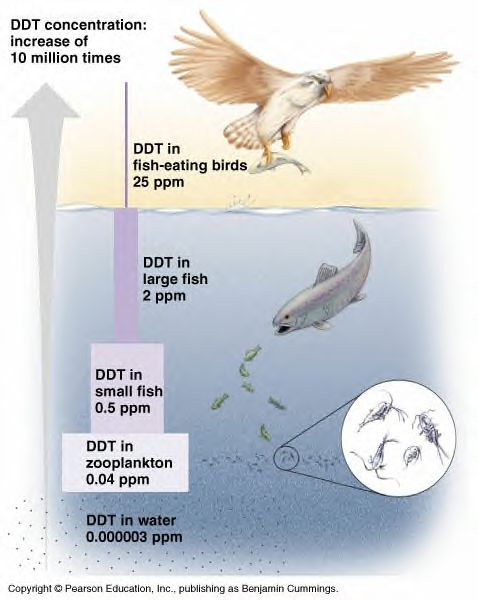
**Q5: What are insecticides?**

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**Q6: why is DDT a harmful substance?**

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Q7:Given the following food chain:





Tuna

Tuna

1. **Which organism in the above food chain will accumulate the highest concentration of the insecticide? Explain your answer.**

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1. **How much mercury consumption from canned tuna is too much?**

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